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3. (Twice Amended) A device for changing a termination voltage of a differential data bus, the differential data bus comprising a first data bus and a second data bus, the device comprising:

a first adjustable termination path connectable to the first data bus;

a second adjustable termination path connectable to the second data bus; and

a switch connectable in parallel with the first adjustable termination path and the second adjustable termination path;

wherein the first adjustable termination path is switchable between an open emitter pulldown and matching impedance or a line to line impedance of the first data bus and the second data bus.

4. (Twice Amended) A device for changing a termination voltage of a differential data bus, the differential data bus comprising a first data bus and a second data bus, the device comprising:

a first adjustable termination path connectable to the first data bus;

a second adjustable termination path connectable to the second data bus; and

a switch connectable in parallel with the first adjustable termination path and the second adjustable termination path;

(B) 1 wherein the second adjustable termination path is switchable between an open emitter pulldown and matching impedance or a line to line impedance of the first data bus and the second data bus.

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B2 12. (Twice Amended) An apparatus for changing terminations in an emitter coupled logic (ECL) transceiver having a differential data bus, the apparatus comprising:

a variable termination connectable to the differential data bus, the variable termination comprising a first termination path or two second termination paths, the differential data bus having:

a first data bus connectable to the ECL transceiver; and

a second data bus connectable to the ECL transceiver;

wherein the first termination path further is switchable between an open emitter pulldown and matching impedance or a line to line impedance of the first data bus and the second data bus.

Please add the following claim(s):

B3 19. (New) A multimode termination apparatus for switching between transmit and receive termination for a current mode (similar to ECL), variable speed, differential bus comprising of a positive signal element of the differential bus and a negative signal element of the differential bus, the device comprising:

a first adjustable termination path connectable to the positive signal element of the differential bus;

a second adjustable termination path connectable to the negative signal element of the differential bus; and

a FET switch providing either -2 volts to each adjustable termination differential bus element or a short that connects each differential bus element.

20. (New) A device as in claim 19 wherein the differential data bus comprises a differential twisted pair line.

21. (New) A device as in claim 19 wherein the first adjustable termination path is 50 ohm to -2 volts or 100 ohms between the positive signal element of the differential bus and the negative signal element of the differential bus.

22. (New) A device as in claim 19 wherein the second adjustable termination path is 50 ohm to -2 volts or 100 ohms between the positive signal element of the differential bus and the negative signal element of the differential bus.

23. (New) A device as in claim 19 wherein the switch is a field effect transistor (FET).

24. (New) A method for changing termination in an emitter coupled logic (ECL) transceiver having a differential data bus, the method comprising the steps of:

connecting a variable termination to the differential data bus, wherein the variable termination is a first termination path or two second termination paths, the differential data bus having a positive signal element of the differential bus and a negative signal element of the differential bus;

enabling the first termination path when the ECL transceiver is in a receive mode; and

enabling the two second termination paths when the ECL transceiver is in a transmit mode.

42637 25. (New) A method as in claim 24 wherein the step of connecting the variable termination to the differential data bus further comprises the step of connecting a field effect transistor (FET) to the variable termination, wherein the FET enables the first termination path or the second termination path.

26. (New) A method as in claim 24 wherein the step of enabling the first termination path further comprises the step of configuring the first termination path to be 100 ohms between the positive signal element of the differential bus and the negative signal element of the differential bus.

27. (New) A method as in claim 24 wherein the step of enabling the two second termination paths further comprises the steps of:

configuring a first one of the two second termination paths to be 50 ohms between the positive signal element of the differential bus and a -2vdc source; and

configuring a second one of the two second termination paths to be 50 ohms between the negative signal element of the differential bus and the -2vdc source.

28. (New) An apparatus for changing terminations in an emitter coupled logic (ECL) transceiver having a differential data bus, the apparatus comprising:

a variable termination connectable to the differential data bus, the variable termination comprising a first termination path or two second termination paths, the differential data bus having:

a positive signal element of the differential bus connectable to the ECL transceiver; and

a negative signal element of the differential bus connectable to the ECL transceiver.

29. (New) An apparatus as in claim 28 wherein the variable termination further comprises a field effect transistor (FET), wherein the FET enables the first termination path or the second termination path.

30. (New) An apparatus as in claim 28 wherein the first termination path further comprises 100 ohms between the positive signal element of the differential bus and the negative signal element of the differential bus without physically changing the resistive elements.

31. (New) An apparatus as in claim 28 wherein the two second termination paths further comprise:

3 a first one of the two second termination paths to be 50 ohms between the positive signal element of the differential bus and a -2vdc source; and

a second one of the two second termination paths to be 50 ohms between the negative signal element of the differential bus and the -2vdc source.

32. (New) A device for changing a termination voltage of a differential data bus, the differential data bus comprising a positive signal element of the differential bus and a negative signal element of the differential bus, the device comprising:

a resistive circuit connecting the first and negative signal element of the differential buses to each other; and

a switch circuit located between the resistive circuit and a negative voltage source,

wherein the switch circuit has a connection point with the resistive circuit between two resistors of the resistive circuit, and wherein the switch circuit is operable to